

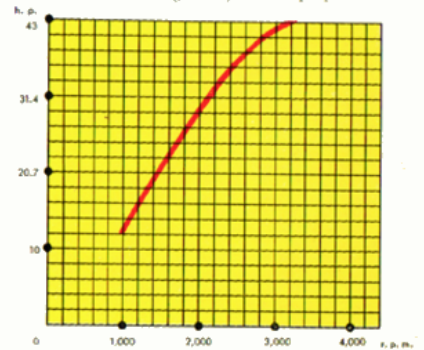
MERCEDES-BENZ TYPE 170 S-D



Economy vested in Style and Beauty

170 S-D

As to its efficiency and elasticity the 43 HP Diesel engine of the "170 S-D" can hardly be recognized from a gasoline engine. By means of well-selected transmission ratios it gives the car a startling acceleration and climbing ability. The top speed of



62 miles per hour can be maintained for an indefinite period of time without overburdening or even endangering the engine, whose revolutions are controlled by a governor. Besides its unsurpassed economy, there is above all its undisputed longevity. 95,000 to 125,000 miles without repairs is not at all unusual for a Mercedes-Benz Diesel engine. Its safety and performance are as reliable as the works of a precision watch.

Exactly three decades ago the first Diesel truck left rattling and chattering the plant.

Nobody thought that this kind of engine, which already at that time demonstrated convincingly its economy, would ever be used as power plant for passenger cars. And yet, standing today by the side of the road, only a keen observer and expert can distinguish a Mercedes-Benz Diesel car from a conventional gasoline driven automobile. In other words, the Diesel engine has become of age – a credit to the Daimler-Benz untiring research and engineering activities. With the Mercedes-Benz

"170 S-D" a car was created within the price range of its predecessor, as to its spacious

interior and its performance, however, it corresponds to the comforts of a large touring sedan.

Standard body finishes:



medium blue



light stone grey



dark tobacco brown



tundra green



black

The beautiful exterior, the carefully selected appointments, and the remarkably silent engine will win for the "170 S-D" a new and permanent circle of satisfied customers.

Increased Driving Range

With a full tank (47 ltrs. or 12 US or 10 Imp. gallons) at a standard fuel consumption of 39 miles to the US or 46 miles to the Imp. gal. the "170 S-D" travels a distance of approx. 480 miles.

Supreme Driving Qualities

The excellent roadholding quality of this car is to be attributed to its well-designed springs and their suspension. Leaf springs on the front and coil springs on the rear axle – all with hydraulic shock absorbers – take up all road shocks without ever permitting the wheels to lose road adhesion.



Both batteries are within the engine compartment; they are easily accessible and not exposed to cold temperatures, so detrimental to their efficiency.

Effective sound and odour insulation

Large rubber cushions prevent vibrations to be transferred to frame and body.

Swing axle with silent hypoid drive

Hydraulic shock absorbers

Because – The best is just good enough for our customers

In the spacious trunk compartment, holding the spare wheel, there is ample room for two large suitcases and a number of smaller pieces of luggage. To obtain still more space, as might



be needed for longer trips, the spare wheel can be taken out. Without obstructing access to the luggage compartment, it will then be mounted to a special tilting bracket which is fastened to the rear bumper brackets and rests on the sturdy cover of the the trunk compartment. By means of counter-balancing springs the lid opens and closes without effort.



A reclining seat with detachable headrest can be furnished upon request. By turning a small hand-knob on the side of the seat, the backrest can be set to any desired angle.



After lifting the alligator-type hood, the engine and other parts requiring periodic attention become easily accessible.

Wide Doors

permit easy access to all seats. The driver's door can be locked from outside, whereas the other doors are bolted from within. Their construction corresponds to the solid, dependable design of the entire body. As always, MERCEDES-BENZ assures the greatest possible safety.



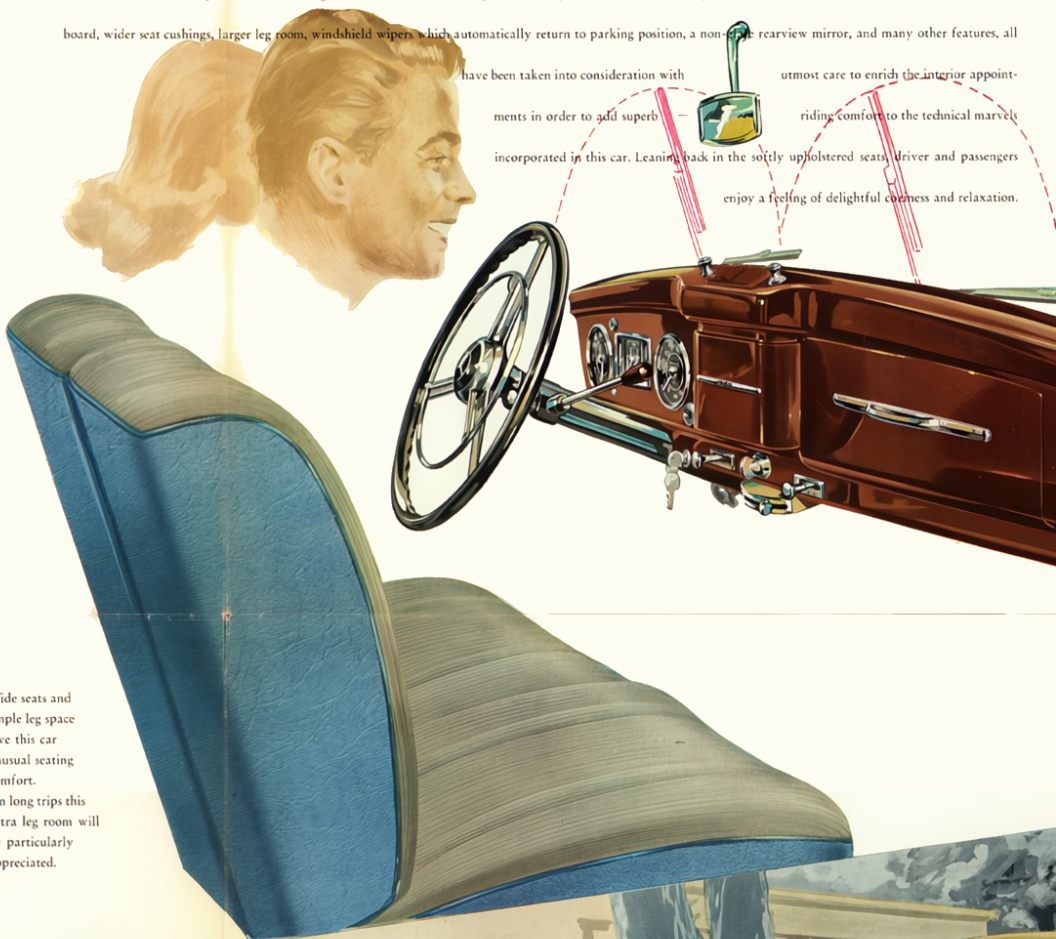
“Tailor - Made” Comfort

The spacious interior of the “170 S-D” offers real exquisite comfort. The gearshift lever on the steering column, easy-to-read instruments, a spacious glove compartment, an ash tray on the instrument

board, wider seat cushions, larger leg room, windshield wipers which automatically return to parking position, a non-fog rearview mirror, and many other features, all

have been taken into consideration with utmost care to enrich the interior appointments in order to add superb riding comfort to the technical marvels incorporated in this car. Leaning back in the softly upholstered seats driver and passengers enjoy a feeling of delightful comeness and relaxation.

Wide seats and ample leg space give this car unusual seating comfort. On long trips this extra leg room will be particularly appreciated.



Starting the “170 S-D” shows already the reliability of this engine. During the hot summer months as well as on the coldest winter days, after pre-glowing a light touch of the starter switch suffices to start the engine.

Pre-glowing position: a bright red light of the glow control lamp indicates the engine is ready to be started.

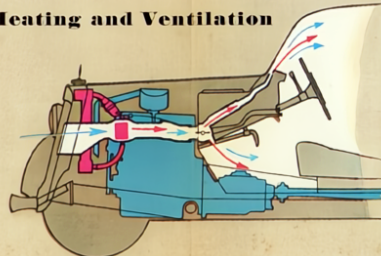
Starting position: turn handle downward

Stopping position: turn handle upward

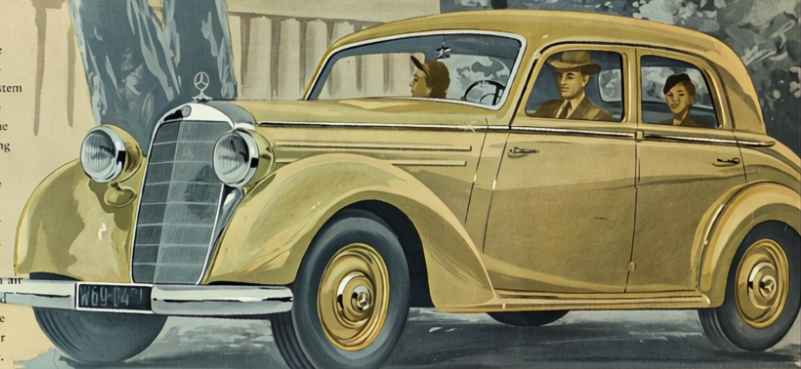
The new quiet running “170 S-D” permits undisturbed radio reception. Upon request, a radio can be installed in the especially provided section in the center of the instrument board. With a radio in your car you will never feel lonely, and pleasant entertainment often shortens long hours on the highway.



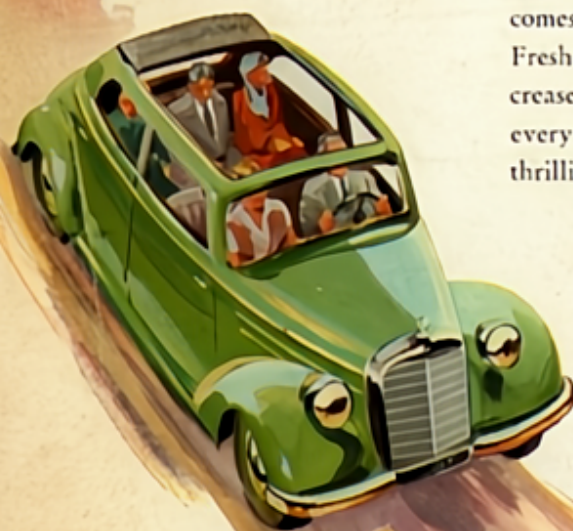
Heating and Ventilation



In connection with the standard pressure ventilation, a heating system has been built into the car which pre-heats the incoming air by having to pass through two radiator elements. The supply of cold or pre-heated air respectively can be controlled by a small lever on the instrument board. Warm air vents on the windshield assure defrosting of the window pane and clear vision in cold weather.



In the new MERCEDES-BENZ Type 170 S-D



UPON REQUEST

See
more —
enjoy
more

Easy as can be, a
turn of the handle
and the sliding roof
opens up and the sun
comes shining in.
Fresh air and in-
creased vision turn
every ride into a
thrilling pleasure.



DAIMLER - BENZ AKTIENGESELLSCHAFT
STUTTGART - U N T E R T Ü R K H E I M

TECHNICAL DATA

Number of cylinders	4
Bore	2 61/64 ins. (75 mm)
Stroke	3 15/16 ins. (100 mm)
Cylinder capacity	107.8 cu. ins. (1767 cc)
Engine performance (SAE standards)*	43 H.P. at 3250 r.p.m.
Compression ratio	19 to 1
Firing order	1-3-4-2
Wheelbase	112 ins. (2843 mm)
Track front	51 3/4 ins. (1310 mm)
Track rear	56 13/16 ins. (1435 mm)
Overall length	175 3/4 ins. (4450 mm)
Overall width	66 1/4 ins. (1683 mm)
Overall height, unloaded	62 3/4 ins. (1590 mm)
Ground clearance	7 1/4 ins. (185 mm)
Weight of chassis	1374 lbs. (850 kg)
Curb weight of vehicle	2322 lbs. (1280 kg)
Rear axle with hypoid gears	
Total reduction ratio in 4th gear	4.11 : 1
Tires (ballon)	5.50-16
Diameter of turning circle, approx.	36 ft (11 m)
Standard fuel consumption**	46 m./imp. gal. or 39 m./US gal. (6.1 l/100 km)
Oil consumption	235 m./imp. pint or 196 m./US pint (0.15 l/100 km)
Fuel tank capacity	10 1/2 imp. gal. or 12 1/2 US gal. (47 l)
Climbing ability in	
1st gear	1 in 3.3 (33%)
2nd gear	1 in 5.9 (17%)
3rd gear	1 in 11.1 (9%)
4th gear	1 in 16.7 (6%)
Top speed in	
1st gear	16 m.p.h. (26.5 km/h)
2nd gear	29 m.p.h. (47 km/h)
3rd gear	47 m.p.h. (75 km/h)
4th gear	62 m.p.h. (100 km/h)
Travelling speed	62 m.p.h. (100 km/h)
Battery	84 Ah/2 x 6 v. = 12 v.
Capacity of cooling system with heating	2.2 imp. gal. or 2.7 US gal. (10.1 l)
Oil capacity of crankcase	0.9 imp. or 1 US gal. (4 l)

* The output quoted in gross-horsepowers does not include auxiliary performances not required for engine operation.

** Determined at 1/2 of top speed with a reduction of 10%

Subject to modification in design and equipment

MERCEDES-BENZ Customer Service

is as outstanding as the car itself. Whether you happen to be in Germany, Europe, or overseas, you will always have at your service an extensive net of MERCEDES-BENZ service stations where experienced mechanics will be glad to advise and help you.

